

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/S25,672  
Source: PCT  
Date Processed by STIC: 3-8-05

***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 03/08/2005

PATENT APPLICATION: US/10/525,672

TIME: 10:06:01

Input Set : A:\seqlist.txt

Output Set: N:\CRF4\03082005\J525672.raw

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4 <110> APPLICANT: Hanisch, Franz-Georg
6 <120> TITLE OF INVENTION: Immunogenic Mucl Glycopeptides
9 <130> FILE REFERENCE: 50316/012001
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/525,672
C--> 11 <141> CURRENT FILING DATE: 2005-02-24
11 <150> PRIOR APPLICATION NUMBER: PCT/EP2003/009882
12 <151> PRIOR FILING DATE: 2003-09-05
14 <150> PRIOR APPLICATION NUMBER: DE 103 05 607.6
15 <151> PRIOR FILING DATE: 2003-02-11
17 <150> PRIOR APPLICATION NUMBER: DE 102 41 207.3
18 <151> PRIOR FILING DATE: 2002-09-05
20 <160> NUMBER OF SEQ ID NOS: 15
22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 20
26 <212> TYPE: PRT
27 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: SAP20
32 <400> SEQUENCE: 1
33 Ser Ala Pro Asp Thr Arg Pro Ala Pro Gly Ser Thr Ala Pro Pro Ala
34 1 5 10 15
35 His Gly Val Thr
36 20
39 <210> SEQ ID NO: 2
40 <211> LENGTH: 20
41 <212> TYPE: PRT
42 <213> ORGANISM: Artificial Sequence
44 <220> FEATURE:
45 <223> OTHER INFORMATION: SAP20
47 <400> SEQUENCE: 2
48 Ser Ala Pro Glu Ser Arg Pro Ala Pro Gly Ser Thr Ala Pro Ala Ala
49 1 5 10 15
50 His Gly Val Thr
51 20
54 <210> SEQ ID NO: 3
55 <211> LENGTH: 20
56 <212> TYPE: PRT
57 <213> ORGANISM: Artificial Sequence
59 <220> FEATURE:
60 <223> OTHER INFORMATION: SAP20
62 <400> SEQUENCE: 3
63 Ser Ala Pro Glu Ser Arg Pro Ala Pro Gly Ser Thr Ala Pro Pro Ala

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64 1 5 10 15
65 His Gly Val Thr
66 20
69 <210> SEQ ID NO: 4
70 <211> LENGTH: 20
71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: SAP20
77 <400> SEQUENCE: 4
78 Ser Ala Pro Asp Thr Arg Pro Ala Pro Gly Ser Thr Ala Pro Ala Ala
79 1 5 10 15
80 His Gly Val Thr
81 20
84 <210> SEQ ID NO: 5
85 <211> LENGTH: 21
86 <212> TYPE: PRT
87 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: H1 to H3
92 <400> SEQUENCE: 5
93 Ala His Gly Val Thr Ser Ala Pro Asp Thr Arg Pro Ala Pro Gly Ser
94 1 5 10 15
95 Thr Ala Pro Pro Ala
96 20
99 <210> SEQ ID NO: 6
100 <211> LENGTH: 21
101 <212> TYPE: PRT
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: H4 to H6
107 <400> SEQUENCE: 6
108 Ala His Gly Val Thr Ser Ala Pro Glu Ser Arg Pro Ala Pro Gly Ser
109 1 5 10 15
110 Thr Ala Pro Ala Ala
111 20
114 <210> SEQ ID NO: 7
115 <211> LENGTH: 16
116 <212> TYPE: PRT
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: P1
122 <400> SEQUENCE: 7
123 Ser Ala Pro Asp Thr Arg Pro Ala Pro Gly Ser Thr Ala Pro Pro Ala
124 1 5 10 15
127 <210> SEQ ID NO: 8
128 <211> LENGTH: 16
129 <212> TYPE: PRT
130 <213> ORGANISM: Artificial Sequence

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TIME: 10:06:01

Input Set : A:\seqlist.txt

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132 <220> FEATURE:
133 <223> OTHER INFORMATION: P2
135 <400> SEQUENCE: 8
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142 <212> TYPE: PRT
143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: TAP25
148 <400> SEQUENCE: 9
149 Thr Ala Pro Pro Ala His Gly Val Thr Ser Ala Pro Asp Thr Arg Pro
150 1          5          10          15
151 Ala Pro Gly Ser Thr Ala Pro Pro Ala
152          20          25
155 <210> SEQ ID NO: 10
156 <211> LENGTH: 20
157 <212> TYPE: PRT
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: GST20-AES
163 <400> SEQUENCE: 10
164 Gly Ser Thr Ala Pro Ala Ala His Gly Val Thr Ser Ala Pro Glu Ser
165 1          5          10          15
166 Arg Pro Ala Pro
167          20
170 <210> SEQ ID NO: 11
171 <211> LENGTH: 17
172 <212> TYPE: PRT
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: SAP17
178 <400> SEQUENCE: 11
179 Ser Ala Pro Asp Thr Arg Pro Ala Pro Gly Ser Thr Ala Pro Pro Ala
180 1          5          10          15
181 His
185 <210> SEQ ID NO: 12
186 <211> LENGTH: 20
187 <212> TYPE: PRT
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: GVT20
193 <400> SEQUENCE: 12
194 Gly Val Thr Ser Ala Pro Asp Thr Arg Pro Ala Pro Gly Ser Thr Ala
195 1          5          10          15
196 Pro Pro Ala His
197          20
200 <210> SEQ ID NO: 13

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201 <211> LENGTH: 23
202 <212> TYPE: PRT
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: GVT23
208 <400> SEQUENCE: 13
209 Gly Val Thr Ser Ala Pro Asp Thr Arg Pro Ala Pro Gly Ser Thr Ala
210 1 5 10 15
211 Pro Pro Ala His Gly Val Thr
212 20
215 <210> SEQ ID NO: 14
216 <211> LENGTH: 27
217 <212> TYPE: PRT
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: STA27
223 <400> SEQUENCE: 14
224 Ser Thr Ala Pro Pro Ala His Gly Val Thr Ser Ala Pro Asp Thr Arg
225 1 5 10 15
226 Pro Ala Pro Gly Ser Thr Ala Pro Pro Ala His
227 20 25
230 <210> SEQ ID NO: 15
231 <211> LENGTH: 20
232 <212> TYPE: PRT
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Unit of 100mer
238 <400> SEQUENCE: 15
239 His Gly Val Thr Ser Ala Pro Asp Thr Arg Pro Ala Pro Gly Ser Thr
240 1 5 10 15
241 Ala Pro Pro Ala
242 20

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/525,672

DATE: 03/08/2005

TIME: 10:06:03

Input Set : A:\seqlist.txt

Output Set: N:\CRF4\03082005\J525672.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date